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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/656,668  
Applicant : Bomy Chen  
Filed : September 4, 2003  
TC/A.U. : 2814  
Examiner : Long Pham  
Title : MEMORY DEVICE WITH DISCRETE LAYERS OF PHASE  
CHANGE MEMORY MATERIAL  
(as amended herein)  
Docket No. : 2102397-992670  
Customer No. : 26379

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 8, 2004.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

GRAY CARY WARE & FREIDENRICH Date: 12/8/04

By: Kathleen LaBrie  
Kathleen LaBrie

**RESPONSE TO OFFICE ACTION OF NOVEMBER 5, 2004,  
AND  
NOTICE OF NON-COMPLIANT AMENDMENT OF DECEMBER 3, 2004**

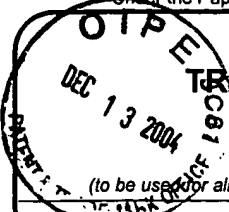
Sir:

In response to the Office Action of November 5, 2004, please amend the above identified application as follows:


**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.


**Remarks** begin on page 8 of this paper.

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 <b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/656,668
	Filing Date	September 4, 2003
	First Named Inventor	Bomy Chen
	Art Unit	2814
	Examiner Name	Long Pham
Total Number of Pages in This Submission	Attorney Docket Number	2102397-992670

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Response to Notice of Non-Compliant Amendment of December 3, 2004 2. Return postcard
<b>Remarks</b> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.  Customer No. 26379		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Gray Cary Ware & Freidenrich LLP		
Signature			
Printed name	Alan A. Limbach		
Date	December 8, 2004	Reg. No.	39,749

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Signature			
Typed or printed name	Kathleen LaBrie	Date	December 8, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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